PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 5: (11) International Publication Number: WO 92/11332 A1 C09J 7/02, 133/08 (43) International Publication Date: 9 July 1992 (09.07.92) PCT/US91/07779 (21) International Application Number: (81) Designated States: AT (European patent), AU, BE (European patent), BR, CA, CH (European patent), DE (European patent), DK (European patent), ES (European patent), FR (European patent), GB (European patent), GR (European patent), IT (European patent), JP, KP, LU (European patent), NL (European patent), SE (European patent) (22) International Filing Date: 21 October 1991 (21.10.91) (30) Priority data: 632,116 20 December 1990 (20.12.90) US ropean patent). (71) Applicant: MINNESOTA MINING AND MANUFAC-TURING COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US). Published With international search report. (72) Inventors: KRECKEL, Karl, W.; Benzenbergweg 3, D-5657 Haan (DE). KARIM, Naimul; Biberstrasse, D-4044 Kaarst 1 (DE). (74) Agents: JOSEPHS, Barry, D. et al.; Intellectual Property Counsel, Minnesota Mining and Manufacturing Company, Post Office Box 33427, St Paul, MN 55133-3427 (54) Title: REMOVABLE ADHESIVE TAPE

(57) Abstract

A removable pressure-sensitive adhesive tape comprising a highly extensible backing, bearing on at least one major surface thereof a layer of photopolymerized acrylic pressure-sensitive adhesive, said tape being capable of being firmly bonded to a substrate and being further capable of being removed therefrom after only being stretched at an angle no greater than about 35° from the surface of the substrate.